

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

City of Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

City of Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	3.67
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/29/2017 - 3/29/2017			
DWR Inspector	Zach Jojola			
Accompanied By	Dan Velez City of Sacramento			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	20
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0005_01_s _ 2013_20				
Comment Code					
Inspector Comment					
City of Sacramento has copies of the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	22
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0005_01_s _ 2013_22				
Comment Code					
Inspector Comment					
City of Sacramento maintains a stockpile of Flood Fight response material.					

No Photos

LM Start		Rating **	A	Issue No.	23
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_NA0005_01_s _ 2013_23				
Comment Code					
Inspector Comment					
City of Sacramento has a written response plan and has taken flood fight methods training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	101	
LM End	0.00	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.564778 °	38.564778 °	
				-121.563064 °	-121.563064 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38737						
DS_ID:24916						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: Storm drain manhole						
FS Date: 3/6/2013						

No Photos

LM Start	0.06	Rating **	M	Issue No.	102
LM End	0.06	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864 °
				-121.505128 °	-121.505128 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

Photo 1 of 3 : UCIP_SP_2017_49955_33806.jpg



View of levee crown at crossing--sign visible on landward side near freeway underpass.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	102 (cont)	
LM End	0.06	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589864 °	38.589864 °	
				-121.505128 °	-121.505128 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

LM Start	0.06	Rating **	M	Issue No.	102 (cont)
LM End	0.06	Issue Type +	En	Location *	N/A

Photo 2 of 3 : UCIP_SP_2017_49955_33805.jpg



View of multiple markers indicating gas alignment.

Photo 3 of 3 : UCIP_SP_2017_49955_33807.jpg



Underground service alert (USA) markings indicate 12 inch crossing through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.08	Rating **	M	Issue No.	79
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.589690 °	38.589690 °
				-121.505106 °	-121.505106 °
DWR ID	DWR_NA0005_01_s_2017_79				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs on waterside slope.					

Photo 1 of 1 : SP_2017_NA0005_251_79_20170414_00138.jpg



Fallen tree limbs on the waterside levee slope, looking toward the Sacramento River. Spring 2017.

LM Start	0.14	Rating **	M	Issue No.	103
LM End	0.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41414					
DS_ID:24882					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review.					
FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966.					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_41414_72622.jpg



View of levee crown and waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	103 (cont)	
LM End	0.14	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588768 °	38.588768 °	
				-121.504891 °	-121.504891 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41414						
DS_ID:24882						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review.						
FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966.						
FS Date: 3/6/2013						

Photo 2 of 3 : UCIP_SP_2017_41414_72621.jpg



Underground Service Alert (USA) markings indicating 42 inch line through levee.

LM Start	0.14	Rating **	M	Issue No.	103 (cont)
LM End	0.14	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41414_72620.jpg



View of alignment along levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	104
LM End	0.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41415 DS_ID:24883 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to confirm alignment and status of crossings. No permit found during desk study review. FIELD_STRUCT_DESC: ARV communication line and 3-inch STL communication line on levee. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_SP_2017_41415_72630.jpg



Underground Service Alert (USA) markers visible on levee crown.

LM Start	0.14	Rating **	M	Issue No.	104 (cont)
LM End	0.14	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_41415_72623.jpg



Overview of levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.15	Rating **	U	Issue No.	105
LM End	0.15	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49956 DS_ID:24884 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line visible in 2013. FS Date: 7/19/2016					

LM Start	0.15	Rating **	U	Issue No.	105 (cont)
LM End	0.15	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49956_72627.jpg



View of levee crown and alignment of PG&E line visible by yellow paint markings.

Photo 2 of 3 : UCIP_SP_2017_49956_72626.jpg



Underground Service Alert (USA) markings of PG&E line through levee, Photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.15	Rating **	U	Issue No.	105 (cont)	
LM End	0.15	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.588636 °		38.588636 °
				-121.504860 °		-121.504860 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49956 DS_ID:24884 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line visible in 2013. FS Date: 7/19/2016						

Photo 3 of 3 : UCIP_SP_2017_49956_72625.jpg



Underground Service Alert (USA) markings of PG&E line through levee, Photo 2 of 2.

LM Start	0.16	Rating **	M	Issue No.	106
LM End	0.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588500 °	38.588500 °
				-121.504856 °	-121.504856 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41416 DS_ID:24885 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB). FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_SP_2017_41416_72629.jpg



Alignment of communication line through levee, Photo 1 of 2.

* Location		** Rating		+ Issue Type
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.16	Rating **	M	Issue No.	106 (cont)	
LM End	0.16	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588500 °	38.588500 °	
				-121.504856 °	-121.504856 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41416						
DS_ID:24885						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB).						
FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth.						
FS Date: 3/6/2013						

Photo 2 of 2 : UCIP_SP_2017_41416_72628.jpg



Alignment of communication line through levee, Photo 2 of 2.

LM Start	0.17	Rating **	M	Issue No.	107
LM End	0.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38707 DS_ID:24886 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: ATT communication line through levee. FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.22	Rating **	M	Issue No.	108
LM End	0.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40848					
DS_ID:24887					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements.					
FIELD_STRUCT_DESC: 12 inch connected to 10 inch pipe through levee at unknown depth.					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_40848_72633.jpg



Pipe through levee visible next to building located on levee.

Photo 2 of 3 : UCIP_SP_2017_40848_72632.jpg



View of levee crown at crossing.

LM Start	0.22	Rating **	M	Issue No.	108 (cont)
LM End	0.22	Issue Type +	En	Location *	WS

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.22	Rating **	M	Issue No.	108 (cont)	
LM End	0.22	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587615 °	38.587615 °	
				-121.505034 °	-121.505034 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40848						
DS_ID:24887						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements.						
FIELD_STRUCT_DESC: 12 inch connected to 10 inch pipe through levee at unknown depth.						
FS Date: 3/6/2013						

Photo 3 of 3 : UCIP_SP_2017_40848_72631.jpg



View of building and additional concrete structures located on levee crown at waterward side.

LM Start	0.42	Rating **	M	Issue No.	109
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584794 °	38.584794 °
				-121.505548 °	-121.505548 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41247					
DS_ID:24889					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if crossing exists. Approximate alignment provided by the City of Sacramento. Need to confirm alignment and status of crossing.					
FIELD_STRUCT_DESC: 10 inch pipe through levee. Record was obtained from Sacramento County approximate utility alignment.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41247_72740.jpg



Alignment provided by City of Sacramento of 10 inch line--not found during field inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.42	Rating **	M	Issue No.	110
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20384					
DS_ID:21561					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento.					
FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway.					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_20384_34410.jpg



View of levee crown downtown Sacramento--wide crown with railroad.

LM Start	0.42	Rating **	M	Issue No.	110 (cont)
LM End	0.42	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_20384_34409.jpg



View of manhole located at the edge of waterward.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.42	Rating **	M	Issue No.	110 (cont)
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20384					
DS_ID:21561					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento.					
FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway.					
FS Date: 3/6/2013					

Photo 3 of 3 : UCIP_SP_2017_20384_34408.jpg



View of landward side close to railroad museum.

LM Start	0.42	Rating **	M	Issue No.	111
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584745 °	38.584745 °
				-121.505460 °	-121.505460 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38713 DS_ID:24892 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.42	Rating **	M	Issue No.	112
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584739 °	38.584739 °
				-121.505483 °	-121.505483 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38712 DS_ID:24891 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: unknown crossing FS Date: 3/6/2013					

No Photos

LM Start	0.42	Rating **	M	Issue No.	113
LM End	0.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41417					
DS_ID:24890					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.					
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942)					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_41417_72642.jpg



PacBell manhole located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.42	Rating **	M	Issue No.	113 (cont)	
LM End	0.42	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.584767 °		38.584767 °
				-121.505700 °		-121.505700 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41417						
DS_ID:24890						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.						
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942)						
FS Date: 3/6/2013						

LM Start	0.42	Rating **	M	Issue No.	113 (cont)
LM End	0.42	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41417_72641.jpg



Manholes located along levee--waterward side.

Photo 3 of 3 : UCIP_SP_2017_41417_72640.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

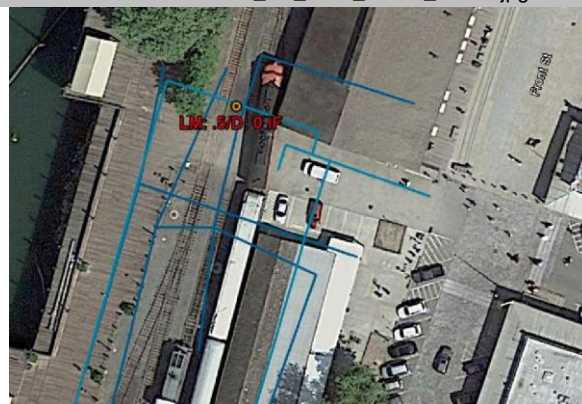
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.49	Rating **	M	Issue No.	114
LM End	0.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583853 °	38.583853 °
				-121.506061 °	-121.506061 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38715					
DS_ID:24893					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: unknown					
FS Date: 3/6/2013					

No Photos

LM Start	0.50	Rating **	M	Issue No.	115
LM End	0.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583693 °	38.583693 °
				-121.505909 °	-121.505909 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41418 DS_ID:24894 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm status of crossing and alignment through levee. Unable to find permit during review. FIELD_STRUCT_DESC: 8 inch pipe through levee and along waterward side for about 800 feet. Crosses levee again at 38.581544, -121.506688. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41418_72741.jpg



Aproximate alignment provided by City of Sacramento -- unable to confirm if crossing is active.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.57	Rating **	M	Issue No.	116
LM End	0.57	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.582700 °	38.582700 °	
			-121.506266 °	-121.506266 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41419 DS_ID:24895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm if crossing is still present. No signs visible during site visit. No photos available. FIELD_STRUCT_DESC: 10 inch line through levee. Record found in Sacramento County GIS records. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41419_72742.jpg



Approximate alignment provided by the City of Sacramento--unable to confirm crossing in field.

LM Start	0.57	Rating **	M	Issue No.	117
LM End	0.57	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.582689 °	38.582689 °	
			-121.506419 °	-121.506419 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41260 DS_ID:24896 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing. FIELD_STRUCT_DESC: Conduit group through floodwall. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41260_72743.jpg



Conduit through floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.59	Rating **	M	Issue No.	118
LM End	0.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582482 °	38.582482 °
				-121.506346 °	-121.506346 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41263 DS_ID:24897 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner. Need to determine permit issued for crossing. FIELD_STRUCT_DESC: 8 -10 inch pipe through levee. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41263_72744.jpg



Pipe through floodwall.

LM Start	0.61	Rating **	M	Issue No.	119
LM End	0.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167 °	38.582167 °
				-121.506537 °	-121.506537 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41438 DS_ID:24898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing. FIELD_STRUCT_DESC: Sewer line through levee. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41438_72745.jpg



View of crossing visible from waterward side looking at floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.64	Rating **	M	Issue No.	120
LM End	0.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41420 DS_ID:24899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine permit issued for crossing. FIELD_STRUCT_DESC: Group of conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688 FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41420_72746.jpg



View of conduits through floodwall visible from waterward side.

LM Start	0.67	Rating **	M	Issue No.	121
LM End	0.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41266 DS_ID:24900 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. FIELD_STRUCT_DESC: Fire hydrant visible on levee crown located in downtown Sacramento. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41266_72747.jpg



Fire hydrant visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.68	Rating **	M	Issue No.	122
LM End	0.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581197°	38.581197°
				-121.506819°	-121.506819°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38722					
DS_ID:24901					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: water line penetration					
FS Date: 3/6/2013					

No Photos

LM Start	0.68	Rating **	M	Issue No.	123
LM End	0.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581131°	38.581131°
				-121.506819°	-121.506819°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38723					
DS_ID:24902					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: line penetration					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.71	Rating **	M	Issue No.	124
LM End	0.71	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38766 DS_ID:24903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status of crossing. FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side. FS Date: 3/6/2013					

No Photos

LM Start	0.73	Rating **	M	Issue No.	125	
LM End	0.73	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580472 °	38.580472 °	
				-121.507147 °	-121.507147 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38726						
DS_ID:24904						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: electrical conduit box						
FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.74	Rating **	M	Issue No.	126
LM End	0.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41421 DS_ID:24905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and permit number for crossing. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_41421_72750.jpg



View of waterward side.

LM Start	0.74	Rating **	M	Issue No.	126 (cont)
LM End	0.74	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41421_72749.jpg



Pipe visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.74	Rating **	M	Issue No.	126 (cont)
LM End	0.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41421 DS_ID:24905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and permit number for crossing. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 3/6/2013					

Photo 3 of 3 : UCIP_SP_2017_41421_72748.jpg



View of general area immediately downstream from crossing.

LM Start	0.79	Rating **	M	Issue No.	127	
LM End	0.79	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.579661 °		38.579661 °
				-121.507480 °		-121.507480 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38728						
DS_ID:24906						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 3 inch conduit						
FS Date: 3/6/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.79	Rating **	M	Issue No.	128
LM End	0.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579598 °	38.579598 °
				-121.507368 °	-121.507368 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38729					
DS_ID:24907					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: backflow line					
FS Date: 3/6/2013					

No Photos

LM Start	0.81	Rating **	M	Issue No.	129
LM End	0.81	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41422					
DS_ID:24908					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status, purpose for lines, and permit number.					
FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side.					
FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_41422_72754.jpg



View of levee just downstream from crossings.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	0.81	Rating **	M	Issue No.	129 (cont)
LM End	0.81	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41422 DS_ID:24908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status, purpose for lines, and permit number. FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side. FS Date: 3/6/2013					

Photo 2 of 3 : UCIP_SP_2017_41422_72753.jpg



Conduits through floodwayll.

LM Start	0.81	Rating **	M	Issue No.	129 (cont)
LM End	0.81	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41422_72752.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.16	Rating **	M	Issue No.	80
LM End	1.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.574799 °	38.574799 °
				-121.510170 °	-121.510170 °
DWR ID	DWR_NA0005_01_s_2017_80				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_80_20170414_00139.jpg



Multiple burrow holes on waterside levee slope. Spring 2017.

LM Start	1.16	Rating **	M	Issue No.	13
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.574780 °	38.568757 °
				-121.510191 °	-121.515930 °
DWR ID	DWR_NA0005_01_f_2012_13				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0005_251_13_20170320_00010.jpg



Monitor trees and woody vegetation along the rivers edge looking downstream. Fall 2015.

LM Start	1.16	Rating **	M	Issue No.	13 (cont)
LM End	1.69	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0005_251_13_20170320_00011.jpg



Monitor the trees and woody vegetation along the rivers edge. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.18	Rating **	M	Issue No.	89
LM End	1.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574580 °	38.568512 °
				-121.510396 °	-121.516020 °
DWR ID	DWR_NA0005_01_s_2017_89				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_89_20170414_00141.jpg



Large grass blocking visibility on waterside levee slope. Spring 2017.

LM Start	1.19	Rating **	M	Issue No.	83
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.574404 °	38.574404 °
				-121.510542 °	-121.510542 °
DWR ID	DWR_NA0005_01_s_2017_83				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_83_20170414_00140.jpg



Trim and thin trees on waterside levee slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.24	Rating **	M	Issue No.	130
LM End	1.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:41425
DS_ID:21565
EP_NO: 5140
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active?
FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (Permit No. 5745-1967)
FS Date: 3/6/2013

LM Start	1.24	Rating **	M	Issue No.	130 (cont)
LM End	1.24	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_41425_34145.jpg



View of railroad and bike path located on levee crown--wide levee.

Photo 2 of 3 : UCIP_SP_2017_41425_34144.jpg



Headwall with 1 crossing capped off.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.24	Rating **	M	Issue No.	130 (cont)
LM End	1.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41425 DS_ID:21565 EP_NO: 5140 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (Permit No. 5745-1967) FS Date: 3/6/2013					

Photo 3 of 3 : UCIP_SP_2017_41425_34143.jpg



Metal plate used to cap off pipe.

LM Start	1.25	Rating **	M	Issue No.	87
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.573791 °	38.573791 °
				-121.511161 °	-121.511161 °
DWR ID	DWR_NA0005_01_s_2017_87				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on waterside levee slope. Heavy traffic due to homeless camp at retaining wall.					

Photo 1 of 1 : SP_2017_NA0005_251_87_20170414_00142.jpg



Foot path digging into waterside levee slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.25	Rating **	C	Issue No.	75
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.573704 °	38.573704 °
				-121.511219 °	-121.511219 °
DWR ID	DWR_NA0005_01_f_2016_75				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.27	Rating **	M	Issue No.	90
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.573555 °	38.573555 °
				-121.511390 °	-121.511390 °
DWR ID	DWR_NA0005_01_s_2017_90				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Sloughing site on waterside levee slope from January high water event. City of Sacramento placed envelope to prevent further erosion from occurring.					

Photo 1 of 1 : SP_2017_NA0005_251_90_20170414_00144.jpg



Sloughing site on waterside levee slope from January high water event. Sloughing on waterside levee slope staked during January high water event. City of Sacramento placed envelope to prevent further erosion from occurring. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.29	Rating **	M	Issue No.	76
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.573240 °	38.573240 °
				-121.511707 °	-121.511707 °
DWR ID	DWR_NA0005_01_s_2017_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0005_251_76_20170414_00145.jpg



Rodent hole on waterside levee slope, looking towards Sacramento River. Spring 2017.

LM Start	1.29	Rating **	M	Issue No.	76 (cont)
LM End	1.29	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0005_251_76_20170320_00015.jpg



Rodent hole backfilled with natural soil on waterward side of the levee. Fall 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

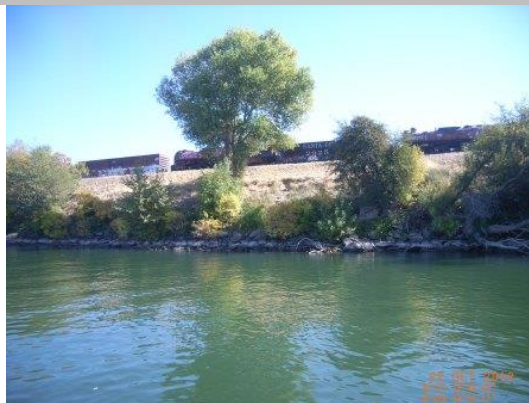
City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.31	Rating **	M	Issue No.	1
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_s_2016_1				
Comment Code					
Inspector Comment					
2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_58-5_L]					

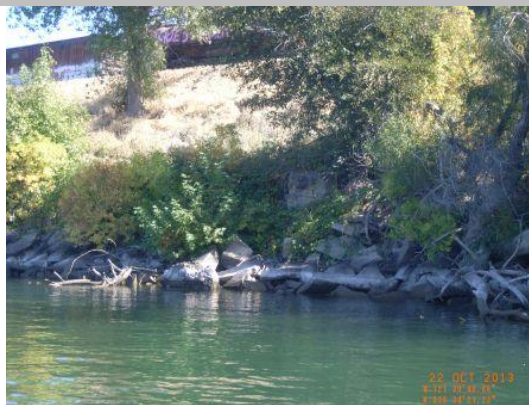
LM Start	1.31	Rating **	M	Issue No.	1 (cont)
LM End	1.39	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2017_NA0005_251_1_20170320_00001.jpg



USACE 2013 Photo #1

Photo 2 of 2 : SP_2017_NA0005_251_1_20170320_00002.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.41	Rating **	M	Issue No.	131
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572019 °	38.572019 °
				-121.513082 °	-121.513082 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49767 DS_ID:21580 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 3: 6-inch steel drainage pipe through the levee, 8 feet below the crown. Gate valves located on the waterside (WS) slope. Manhole located on landside (LS) berm. FS Date: 3/6/2013					

LM Start	1.41	Rating **	M	Issue No.	131 (cont)
LM End	1.41	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_49767_34067.jpg



View of landward side where crossing should be running through.

Photo 2 of 2 : UCIP_SP_2017_49767_34066.jpg



View of pipe and gate valve located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.41	Rating **	M	Issue No.	132
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49957 DS_ID:21969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 2 of 3: 72-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

LM Start	1.41	Rating **	M	Issue No.	132 (cont)
LM End	1.41	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49957_34071.jpg



View of 6 inch pipe and shut-off valve located on waterward slope.

Photo 2 of 3 : UCIP_SP_2017_49957_34072.jpg



View of landward side--tall grass along slope limit inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.41	Rating **	M	Issue No.	132 (cont)
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49957 DS_ID:21969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 2 of 3: 72-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

Photo 3 of 3 : UCIP_SP_2017_49957_75769.jpg



View of WS--gate inside concrete structure.

LM Start	1.41	Rating **	M	Issue No.	133
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571976 °	38.571976 °
				-121.513060 °	-121.513060 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49766 DS_ID:21968 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to coordinate with City of Sacramento to determine if crossing is active. Urgent was issued for this crossing due to the subsidence evident on landward berm. FIELD_STRUCT_DESC: 3 of 3: 8-inch cast iron pipe through levee, 8 feet below the crown. FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.43	Rating **	M	Issue No.	134
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					

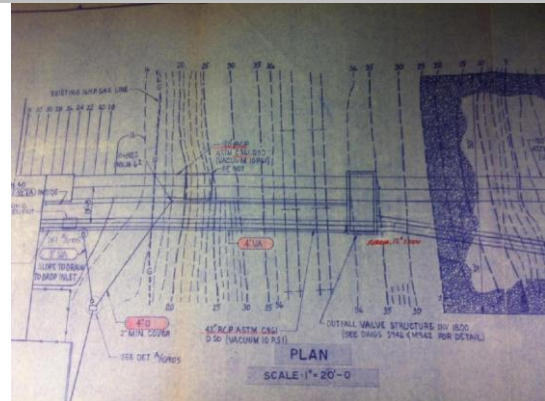
Comment Code

Inspector Comment

FS_ID:49778
DS_ID:22483
EP_NO: 12196
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection.
FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, approximately 10 feet below crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities)
FS Date: 3/6/2013

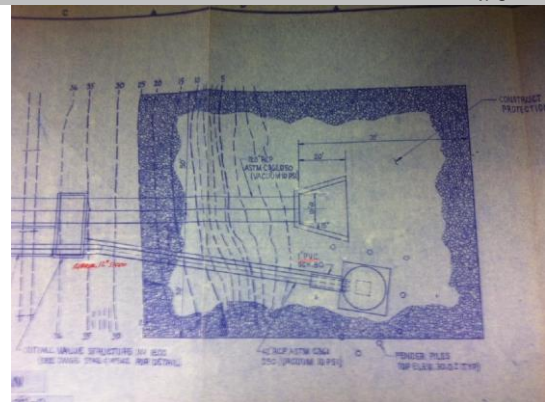
LM Start	1.43	Rating **	M	Issue No.	134 (cont)
LM End	1.43	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49778_34024.jpg



DWG showing 42-inch and 120-inch pipes through levee and connection to outfall valve structure.

Photo 2 of 3 : UCIP_SP_2017_49778_34027.jpg



Rip rap protection around outfall structure for 42-inch and 120-inch pipes.

* Location	** Rating		+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.43	Rating **	M	Issue No.	134 (cont)
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49778 DS_ID:22483 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, approximately 10 feet below crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities) FS Date: 3/6/2013					

Photo 3 of 3 : UCIP_SP_2017_49778_34025.jpg



Walkway present on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.43	Rating **	M	Issue No.	135
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49958 DS_ID:21569 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

LM Start	1.43	Rating **	M	Issue No.	135 (cont)
LM End	1.43	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49958_34051.jpg



View of levee crown--outlet valve structure located along bike path and siphon breaker on waterward shoulder.

Photo 2 of 3 : UCIP_SP_2017_49958_34050.jpg



View of waterward side--outlet submerged.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.43	Rating **	M	Issue No.	135 (cont)	
LM End	1.43	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.571776 °		38.571776 °
				-121.513364 °		-121.513364 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49958 DS_ID:21569 EP_NO: 12196 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

Photo 3 of 3 : UCIP_SP_2017_49958_34049.jpg



Tall grass along pipe alignment--limited inspection.

LM Start	1.46	Rating **	M	Issue No.	88	
LM End	1.46	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.571462 °		38.571462 °
				-121.513810 °		-121.513810 °
DWR ID	DWR_NA0005_01_s_2017_88					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Sink hole on waterside levee slope near crown.						

Photo 1 of 1 : SP_2017_NA0005_251_88_20170414_00143.jpg



Sink hole on waterside levee slope near crown. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.59	Rating **	M	Issue No.	136
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.570116 °	38.570116 °	
			-121.515352 °	-121.515352 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38733 DS_ID:21610 EP_NO: 6627 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee approximately 3 feet below crown. (Permit No. 6627, C. K. Moseman Construction Co.) FS Date: 3/6/2013					

No Photos

LM Start	1.59	Rating **	M	Issue No.	137
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.570075 °	38.570075 °	
			-121.515402 °	-121.515402 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32883 DS_ID:21558 EP_NO: 2371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959). FS Date: 3/6/2013					

Photo 1 of 3 : UCIP_SP_2017_32883_59502.jpg



PG&E warning gas line crossing--waterward side view.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.59	Rating **	M	Issue No.	137 (cont)	
LM End	1.59	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.570075 °	38.570075 °	
				-121.515402 °	-121.515402 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:32883						
DS_ID:21558						
EP_NO: 2371						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection).						
FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959).						
FS Date: 3/6/2013						

Photo 2 of 3 : UCIP_SP_2017_32883_59501.jpg



View of waterward slope--tall grass limits inspection.

LM Start	1.59	Rating **	M	Issue No.	137 (cont)
LM End	1.59	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_32883_59500.jpg



View of levee crown (trail) near waterward shoulder edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.59	Rating **	M	Issue No.	138
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41288 DS_ID:24909 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status. FIELD_STRUCT_DESC: Gasline through levee. FS Date: 3/6/2013					

No Photos

LM Start	1.61	Rating **	M	Issue No.	139
LM End	1.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to obtain maintenance records for pipe line-- Inspector was able to obtain inspection status from PG&E. FIELD_STRUCT_DESC: 24 inch diameter natural gas pipeline under the levee and channel at a depth of 25 feet minimum. (Permit No. 14732, PG&E-1988) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41442_59560.jpg



View of crossing approximately 110 feet downstream--stand pipes located on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.61	Rating **	M	Issue No.	139 (cont)
LM End	1.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to obtain maintenance records for pipe line-- Inspector was able to obtain inspection status from PG&E. FIELD_STRUCT_DESC: 24 inch diameter natural gas pipeline under the levee and channel at a depth of 25 feet minimum. (Permit No. 14732, PG&E-1988) FS Date: 3/7/2013					

LM Start	1.61	Rating **	M	Issue No.	139 (cont)
LM End	1.61	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41442_59559.jpg



View of crossing approximately 110 feet downstream--large sign located on waterward slope.

Photo 3 of 3 : UCIP_SP_2017_41442_59558.jpg



View of stand pipes located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.70	Rating **	M	Issue No.	140
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568544 °	38.568544 °
				-121.515993 °	-121.515993 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41444 DS_ID:21615 EP_NO: 17185 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some buildings, structures, and equipment remain -- monitoring wells still present within acre footprint. Need to contact owner to determine status of monitoring site. FIELD_STRUCT_DESC: Removed oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, and foundations from the left bank of the Sacramento River. Demo site located on waterward berm from LM 1.68 (38.56893227, -121.5158786) to LM 1.74 (38.568074, -121.5160597). Demolition acceptance form signed November 2000. Exceptions or remaining features are present: 1. product piping and conduits through levee on the east side of site, abandoned in pace, 2. existing electrical house located at the southeast corner of the property, 3. active conduits coming from existing electrical house and proceeding west approximately 30 feet, then south under Broadway to Tosco's active tanks located south of Broadway, and 4. 16 wooden piles 10 feet below ground surface in the middle of the site (former Tank #5009 area) FS Date: 3/7/2013					

Photo 1 of 1 : UCIP_SP_2017_41444_59572.jpg



Concrete structure still remain in lot on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.70	Rating **	M	Issue No.	141
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41282 DS_ID:21604 EP_NO: 18009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 3/7/2013					

LM Start	1.70	Rating **	M	Issue No.	141 (cont)
LM End	1.70	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_41282_59575.jpg



Structures present inside lot--site of Ozone Injection and Soil Vapor Extration System for the former Tosco Bulk Fuel.

Photo 2 of 3 : UCIP_SP_2017_41282_59574.jpg



Several vapor wells present inside fenced area.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.70	Rating **	M	Issue No.	141 (cont)
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41282 DS_ID:21604 EP_NO: 18009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 3/7/2013					

Photo 3 of 3 : UCIP_SP_2017_41282_59573.jpg



More vapor wells present on levee crown.

LM Start	1.74	Rating **	M	Issue No.	142
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38735 DS_ID:24910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3 inch gas main through the east levee of the Sacramento River approximately 3 feet below crown. (Permit No. 1419, 1949) FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.74	Rating **	M	Issue No.	143
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567980 °	38.567980 °	
			-121.516088 °	-121.516088 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38736 DS_ID:24911 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 12 inch pipe through levee. Records provided by Sacramento County. Installed 1935. FS Date: 3/6/2013					

No Photos

LM Start	1.74	Rating **	M	Issue No.	144
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.567981 °	38.567981 °	
			-121.516077 °	-121.516077 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41427 DS_ID:21575 EP_NO: 9259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing 3.0 feet below the crown elevation. (Permit No. 9259, City of Sacramento-1974) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41427_59507.jpg



View of wide levee crown--old railroad tracks, former Tosco Bulk Fuel Terminal #3493, utility poles, and fire hydrant.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.74	Rating **	M	Issue No.	144 (cont)
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981 °	38.567981 °
				-121.516077 °	-121.516077 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41427 DS_ID:21575 EP_NO: 9259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing 3.0 feet below the crown elevation. (Permit No. 9259, City of Sacramento-1974) FS Date: 3/7/2013					

Photo 2 of 3 : UCIP_SP_2017_41427_59506.jpg



Backflow prevention device on shoulder.

LM Start	1.74	Rating **	M	Issue No.	144 (cont)
LM End	1.74	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41427_59505.jpg



Close up of positive closure device.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.75	Rating **	M	Issue No.	145
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41452					
DS_ID:21598					
EP_NO: 8816					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 1 of 4: 10 inch line (regular) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)					
FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41452_59525.jpg



View of crossings from levee shoulder.

LM Start	1.75	Rating **	M	Issue No.	145 (cont)
LM End	1.75	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41452_59524.jpg



Dense burrow activity along landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.75	Rating **	M	Issue No.	145 (cont)	
LM End	1.75	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.567779 °		38.567779 °
				-121.516006 °		-121.516006 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41452						
DS_ID:21598						
EP_NO: 8816						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.						
FIELD_STRUCT_DESC: 1 of 4: 10 inch line (regular) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)						
FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_SP_2017_41452_59523.jpg



Pipe markers visible along chain link fence on waterward side.

LM Start	1.76	Rating **	M	Issue No.	146
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41448					
DS_ID:22383					
EP_NO: 8816					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)					
FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41448_59511.jpg



View of levee crown looking upstream--rail road traffic signal box located on right side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.76	Rating **	M	Issue No.	146 (cont)	
LM End	1.76	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.567772 °		38.567772 °
				-121.516006 °		-121.516006 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41448						
DS_ID:22383						
EP_NO: 8816						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: High rodent on landward side. Dense vegetation						
limits the inspector's visibility to identify signs of pipe failure (leaks)						
through the slope. Recommend removing vegetation along pipe						
alignment to conduct proper inspection of structure and appurtenances.						
FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16						
inch casing approximately 4 feet below crown. Vent pipes installed at						
each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum						
Company-1974)						
FS Date: 3/7/2013						

LM Start	1.76	Rating **	M	Issue No.	146 (cont)
LM End	1.76	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41448_59510.jpg



Overview of 4-10 inch lines through levee--landward side.

Photo 3 of 3 : UCIP_SP_2017_41448_59512.jpg



Dense vegetation and large burrow holes located on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.76	Rating **	M	Issue No.	147
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41449 DS_ID:22384 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 10 inch line (no lead) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

LM Start	1.76	Rating **	M	Issue No.	147 (cont)
LM End	1.76	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_41449_59518.jpg



View of 4-10 inch pipes through levee located on landward side.

Photo 2 of 3 : UCIP_SP_2017_41449_59517.jpg



View of waterward side--markers visible along chain link fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.76	Rating **	M	Issue No.	147 (cont)
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41449 DS_ID:22384 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 10 inch line (no lead) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

Photo 3 of 3 : UCIP_SP_2017_41449_59516.jpg



Pipes protected by metal post fence--landward side.

LM Start	1.76	Rating **	M	Issue No.	148
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48322 DS_ID:22385 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_48322_59521.jpg



View multiple crossings visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.76	Rating **	M	Issue No.	148 (cont)	
LM End	1.76	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.567759 °		38.567759 °
				-121.516007 °		-121.516007 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:48322						
DS_ID:22385						
EP_NO: 8816						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.						
FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)						
FS Date: 3/7/2013						

LM Start	1.76	Rating **	M	Issue No.	148 (cont)
LM End	1.76	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_48322_59520.jpg



Dense burrow activity along levee slope.

Photo 3 of 3 : UCIP_SP_2017_48322_59519.jpg



Pipe markers visible along the chain link fence on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.78	Rating **	M	Issue No.	149
LM End	1.78	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41457 DS_ID:21576 EP_NO: 4914 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need records confirming crossing is free of leaks. FIELD_STRUCT_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41457_59529.jpg



View of waterward side--markers visible through levee.

LM Start	1.78	Rating **	M	Issue No.	149 (cont)
LM End	1.78	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_41457_59528.jpg



Contact information before excavation or in case of emergency.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.78	Rating **	M	Issue No.	149 (cont)	
LM End	1.78	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.567352 °		38.567352 °
				-121.516102 °		-121.516102 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41457 DS_ID:21576 EP_NO: 4914 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need records confirming crossing is free of leaks. FIELD_STRUCT_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.) FS Date: 3/7/2013						

Photo 3 of 3 : UCIP_SP_2017_41457_59527.jpg



Markers visible on landward side.

LM Start	1.94	Rating **	M	Issue No.	150
LM End	1.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41292					
DS_ID:24913					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to confirm if crossing is still active--multiple manholes present near sump pump need to determine additional details of lines connecting to sump station 3.					
FIELD_STRUCT_DESC: 8 inch watermain pipe through levee and line goes up 730 feet and down 900 feet.					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.95	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564900 °	38.559460 °
				-121.516253 °	-121.515085 °
DWR ID	DWR_NA0005_01_f_2015_7				
Comment Code					
EQ : Equipment					
Inspector Comment					
Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.					

LM Start	1.95	Rating **	M	Issue No.	7 (cont)
LM End	2.34	Issue Type +	En	Location *	CR

Photo 1 of 4 : SP_2017_NA0005_251_7_20170320_00004.jpg



The railroad cars remain on the levee crown. Spring 2013

Photo 2 of 4 : SP_2017_NA0005_251_7_20170320_00005.jpg



Railroad tracks are on levee crown. The street is to the boat ramp.

LM Start	1.95	Rating **	M	Issue No.	7 (cont)
LM End	2.34	Issue Type +	En	Location *	CR

Photo 3 of 4 : SP_2017_NA0005_251_7_20170320_00006.jpg



View of the railroad tracks on the crown of the levee looking downstream at levee mile 1.95. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.95	Rating **	M	Issue No.	7 (cont)	
LM End	2.34	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.564900 °	38.559460 °	
				-121.516253 °	-121.515085 °	
DWR ID	DWR_NA0005_01_f_2015_7					
Comment Code						
EQ : Equipment						
Inspector Comment						
Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.						

Photo 4 of 4 : SP_2017_NA0005_251_7_20170320_00007.jpg



View of the railroad tracks at levee mile 2.34 on the crown of the levee looking upstream. Spring 2016.

LM Start	1.96	Rating **	M	Issue No.	151
LM End	1.96	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843 °
				-121.516246 °	-121.516246 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41430 DS_ID:21613 EP_NO: 7434 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 2 manholes and sump pump present. Need to update description to confirm if this permit is for Sump-3. FIELD_STRUCT_DESC: 4 inch sanitary sewer force main 3/8" steel with 1/8" mortar liner and ashalt coated on the outside. Line runs along the center of the levee for approximately 1700 feet. (Permit No. 7434, City of Sacramento-1972) FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_41430_72757.jpg



Manhole present on roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.96	Rating **	M	Issue No.	151 (cont)
LM End	1.96	Issue Type +	En	Location *	CR
Category	Supplemental	GPS Latitude/Longitude			
		Start	End		
Item	DWR UCIP Field Study	38.564843 °	38.564843 °		
		-121.516246 °	-121.516246 °		
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41430 DS_ID:21613 EP_NO: 7434 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 2 manholes and sump pump present. Need to update description to confirm if this permit is for Sump-3. FIELD_STRUCT_DESC: 4 inch sanitary sewer force main 3/8" steel with 1/8" mortar liner and ashalt coated on the outside. Line runs along the center of the levee for approximately 1700 feet. (Permit No. 7434, City of Sacramento-1972) FS Date: 3/7/2013					

LM Start	1.96	Rating **	M	Issue No.	151 (cont)
LM End	1.96	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_41430_72756.jpg



Sump pump station 3.

Photo 3 of 3 : UCIP_SP_2017_41430_72755.jpg



Service vault visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.97	Rating **	M	Issue No.	152
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564761 °	38.564761 °
				-121.516133 °	-121.516133 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41291 DS_ID:24917 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional details-- permit, alignment, depth, and last inspection. FIELD_STRUCT_DESC: Gas line through levee FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41291_72758.jpg



Marker of gas line visible on levee crown next to railroad tracks.

LM Start	1.97	Rating **	M	Issue No.	153
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564642 °	38.564642 °
				-121.516441 °	-121.516441 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38742 DS_ID:24920 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: sump pump station FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	1.97	Rating **	M	Issue No.	154
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564846 °	38.564846 °
				-121.515857 °	-121.515857 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38740 DS_ID:24914 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: SMUD line FS Date: 3/6/2013					

No Photos

LM Start	1.97	Rating **	M	Issue No.	155
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564774 °	38.564774 °
				-121.515938 °	-121.515938 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38741					
DS_ID:24918					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to determine if crossing goes through levee.					
FIELD_STRUCT_DESC: storm drain manhole					
FS Date: 3/6/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.04	Rating **	M	Issue No.	156
LM End	2.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702 °	38.563702 °
				-121.515876 °	-121.515876 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41293 DS_ID:24921 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 1 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

LM Start	2.04	Rating **	M	Issue No.	156 (cont)
LM End	2.04	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2017_41293_72760.jpg



PVC pipe through levee.

Photo 2 of 2 : UCIP_SP_2017_41293_72759.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.05	Rating **	M	Issue No.	157
LM End	2.05	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563562 °	38.563562 °
				-121.515867 °	-121.515867 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41294					
DS_ID:24922					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine type of crossing					
and status. Need to find out the alignment of crossing.					
FIELD_STRUCT_DESC: 2 of 4. Crossing found through railroad/levee					
visible on landward side.					
FS Date: 3/6/2013					

LM Start	2.05	Rating **	M	Issue No.	157 (cont)
LM End	2.05	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2017_41294_72762.jpg



PVC pipe through levee.

Photo 2 of 2 : UCIP_SP_2017_41294_72761.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.08	Rating **	M	Issue No.	158
LM End	2.08	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563196 °	38.563196 °
				-121.515833 °	-121.515833 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41295 DS_ID:24923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 3 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_SP_2017_41295_72764.jpg



View of landward side.

LM Start	2.08	Rating **	M	Issue No.	158 (cont)
LM End	2.08	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2017_41295_72763.jpg



Dense vegetation along landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.12	Rating **	M	Issue No.	159
LM End	2.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38827 DS_ID:24924 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 4 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP_SP_2017_38827_72766.jpg



View of landward side.

LM Start	2.12	Rating **	M	Issue No.	159 (cont)
LM End	2.12	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2017_38827_72765.jpg



Dense vegetation on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.16	Rating **	A/W	Issue No.	86
LM End	2.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.562024 °	38.562024 °
				-121.515923 °	-121.515923 °
DWR ID	DWR_NA0005_01_s_2017_86				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on wateside slope. Marked on March 17, 2017					

Photo 1 of 1 : SP_2017_NA0005_251_86_20170414_00147.jpg



Erosion on wateside slope that appers to be underwater. Marked on March 17, 2017. Spring 2017.

LM Start	2.29	Rating **	M	Issue No.	160
LM End	2.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560088 °	38.560088 °
				-121.515150 °	-121.515150 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41431					
DS_ID:24925					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to coordinate with owner to determine status of crossing.					
FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth.					
Crossing information was obtained from Sacramento County GIS records. (Permit No. 1425, 1949)					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41431_72800.jpg



Approximate alignment through levee provided by the City of Sacramento GIS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.30	Rating **	M	Issue No.	77
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559889 °	38.559889 °
				-121.515341 °	-121.515341 °
DWR ID	DWR_NA0005_01_f_2016_77				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_77_20170320_00016.jpg



More squirrel holes found on waterward slope. Fall 2016.

LM Start	2.31	Rating **	M	Issue No.	82
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559767 °	38.559767 °
				-121.515264 °	-121.515264 °
DWR ID	DWR_NA0005_01_s_2016_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_82_20170320_00018.jpg



View of the rodent holes on the waterward side of the levee looking downstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.39	Rating **	M	Issue No.	161
LM End	2.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558793 °	38.558793 °
				-121.514460 °	-121.514460 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41433 DS_ID:24926 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. Unable to find crossing in the field. FIELD_STRUCT_DESC: Unknown pipe size through levee. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41433_72801.jpg



Approximate alignment for crossing provided by City of Sacramento GIS.

LM Start	2.43	Rating **	U	Issue No.	78
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.558281 °	38.558281 °
				-121.514393 °	-121.514393 °
DWR ID	DWR_NA0005_01_f_2015_78				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_78_20170320_00017.jpg



Rodent holes with more than 2 cub ft. of soil taken out found on landside slope of the levee. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.43	Rating **	M	Issue No.	162
LM End	2.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558224 °	38.558224 °
				-121.514365 °	-121.514365 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41296					
DS_ID:24927					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to coordinate with owner to determine status of crossing--unable to locate in field.					
FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth.					
Crossing information was obtained from Sacramento County GIS records.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP_SP_2017_41296_72767.jpg



Approximate alignment of crossing provided by the City of Sacramento.

LM Start	2.44	Rating **	M	Issue No.	92
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.558122 °	38.541081 °
				-121.514366 °	-121.511482 °
DWR ID	DWR_NA0005_01_s_2017_92				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_92_20170414_00146.jpg



Tall vegetation on waterside levee slope, blocking visibility. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.45	Rating **	A/W	Issue No.	8
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557937 °	38.557937 °
				-121.514237 °	-121.514237 °
DWR ID	DWR_NA0005_01_s _ 2012_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.45	Rating **	A/W	Issue No.	95
LM End	2.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.557890 °	38.557890 °
				-121.514249 °	-121.514249 °
DWR ID	DWR_NA0005_01_s _ 2017_95				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on waterside levee toe staked during February high water event.					

Photo 1 of 1 : SP_2017_NA0005_251_95_20170414_00148.jpg



Erosion on waterside levee toe staked during February high water event.
The erosion appears to be underwater. Spring 2017.

LM Start	2.46	Rating **	A/W	Issue No.	21
LM End	2.75	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s _ 2012_21				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Revegetation site is at the toe of the levee on the waterward side.					

Photo 1 of 2 : SP_2017_NA0005_251_21_20170320_00012.jpg



View of the revegetation site on the waterward side looking downstream.
Fall 2015.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.46	Rating **	A/W	Issue No.	21 (cont)	
LM End	2.75	Issue Type +	Ob	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.557828 °		38.553710 °
				-121.514193 °		-121.512863 °
DWR ID	DWR_NA0005_01_s_2012_21					
Comment Code						
V8 : Environmental Requirements.						
Inspector Comment						
Revegetation site is at the toe of the levee on the waterward side.						

Photo 2 of 2 : SP_2017_NA0005_251_21_20170320_00013.jpg



This area is a revegetation site. Fall 2015.

LM Start	2.52	Rating **	M	Issue No.	84
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.556964 °	38.551504 °
				-121.513926 °	-121.511746 °
DWR ID	DWR_NA0005_01_s_2016_84				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_84_20170320_00019.jpg

View of landside slope. Tree trimming and vegetation removal required.
Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

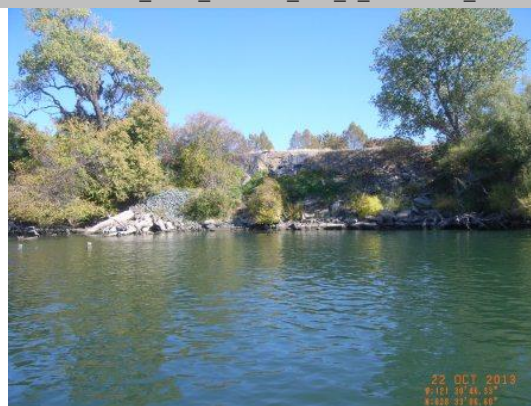
Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.85	Rating **	M	Issue No.	2
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.552268 °	38.541081 °
				-121.512590 °	-121.511480 °
DWR ID	DWR_NA0005_01_s _ 2016_2				
Comment Code					
Inspector Comment					
1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition. 2004 - New large tree pop out; city dumped fill dirt/rock into hole. 2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock placed in hole from tree popout. 2015: No observed changes. [2015 Site ID: SAC_56-6_L]					

Photo 1 of 1 : SP_2017_NA0005_251_2_20170320_00003.jpg



USACE 2013 Photo #1

LM Start	2.88	Rating **	A/W	Issue No.	96
LM End	2.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.551953 °	38.551953 °
				-121.511953 °	-121.511953 °
DWR ID	DWR_NA0005_01_s _ 2017_96				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Sloughing on waterside levee slope.					

Photo 1 of 1 : SP_2017_NA0005_251_96_20170414_00149.jpg



Sloughing on waterside levee slope. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.89	Rating **	M	Issue No.	10
LM End	2.89	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.551810 °	38.551810 °
				-121.511838 °	-121.511838 °
DWR ID	DWR_NA0005_01_s_2012_10				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_10_20170320_00009.jpg



View of the City of Sacramento pump station on the waterward side of the levee looking upstream. Spring 2016.

LM Start	2.89	Rating **	M	Issue No.	163
LM End	2.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45133 DS_ID:21578 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955). FS Date: 3/7/2013					

Photo 1 of 3 : UCIP_SP_2017_45133_59534.jpg



Concrete vault located on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

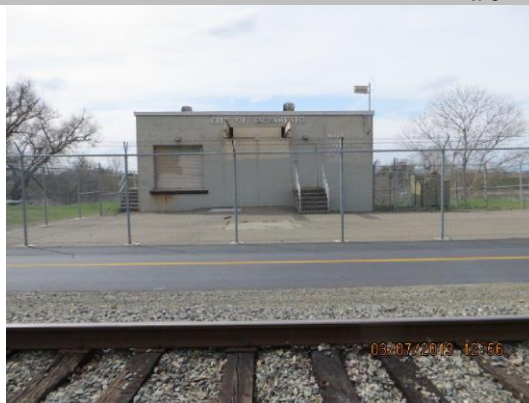
City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	2.89	Rating **	M	Issue No.	163 (cont)
LM End	2.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45133 DS_ID:21578 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955). FS Date: 3/7/2013					

LM Start	2.89	Rating **	M	Issue No.	163 (cont)
LM End	2.89	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_45133_59532.jpg



Ranney collector facility operated by the City of Sacramento.

Photo 3 of 3 : UCIP_SP_2017_45133_59531.jpg



Close up view of vault located on landward levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	3.06	Rating **	M	Issue No.	99
LM End	3.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.549504 °	38.549504 °
				-121.511019 °	-121.511019 °
DWR ID	DWR_NA0005_01_s_2017_99				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Burrows on waterside levee slope					

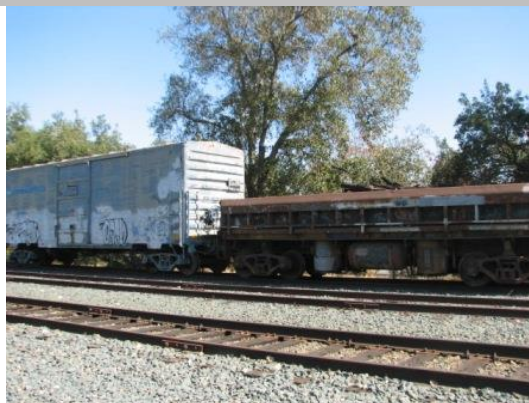
Photo 1 of 1 : SP_2017_NA0005_251_99_20170414_00150.jpg



Burrows on waterside levee slope, looking towards Sacramento River.
Spring 2017.

LM Start	3.29	Rating **	M	Issue No.	9
LM End	3.29	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.546302 °	38.546302 °
				-121.510197 °	-121.510197 °
DWR ID	DWR_NA0005_01_f_2013_9				
Comment Code					
EQ : Equipment					
Inspector Comment					
There are four cars on the levee crown.					

Photo 1 of 1 : SP_2017_NA0005_251_9_20170320_00008.jpg



Trains cars are stored on the crown of the levee. Fall 2013

LM Start	3.35	Rating **	M	Issue No.	85
LM End	3.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.545403 °	38.545403 °
				-121.509830 °	-121.509830 °
DWR ID	DWR_NA0005_01_s_2016_85				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0005_251_85_20170320_00020.jpg



View of the trees on the landward side of the levee. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	03/29/2017 03/29/2017	Zach Jojola

LM Start	3.35	Rating **	M	Issue No.	85 (cont)	
LM End	3.35	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.545403 °		38.545403 °
				-121.509830 °		-121.509830 °
DWR ID	DWR_NA0005_01_s_2016_85					
Comment Code						
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0005_251_85_20170320_00021.jpg



Perspective view of the trees on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.61	Rating **	M	Issue No.	100
LM End	3.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.541912 °	38.541912 °
				-121.511014 °	-121.511014 °
DWR ID	DWR_NA0005_01_s_2017_100				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0005_251_100_20170414_00151.jpg



Sloughing on waterside levee slope. City of Sacramento placed raincoat to prevent further erosion. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement